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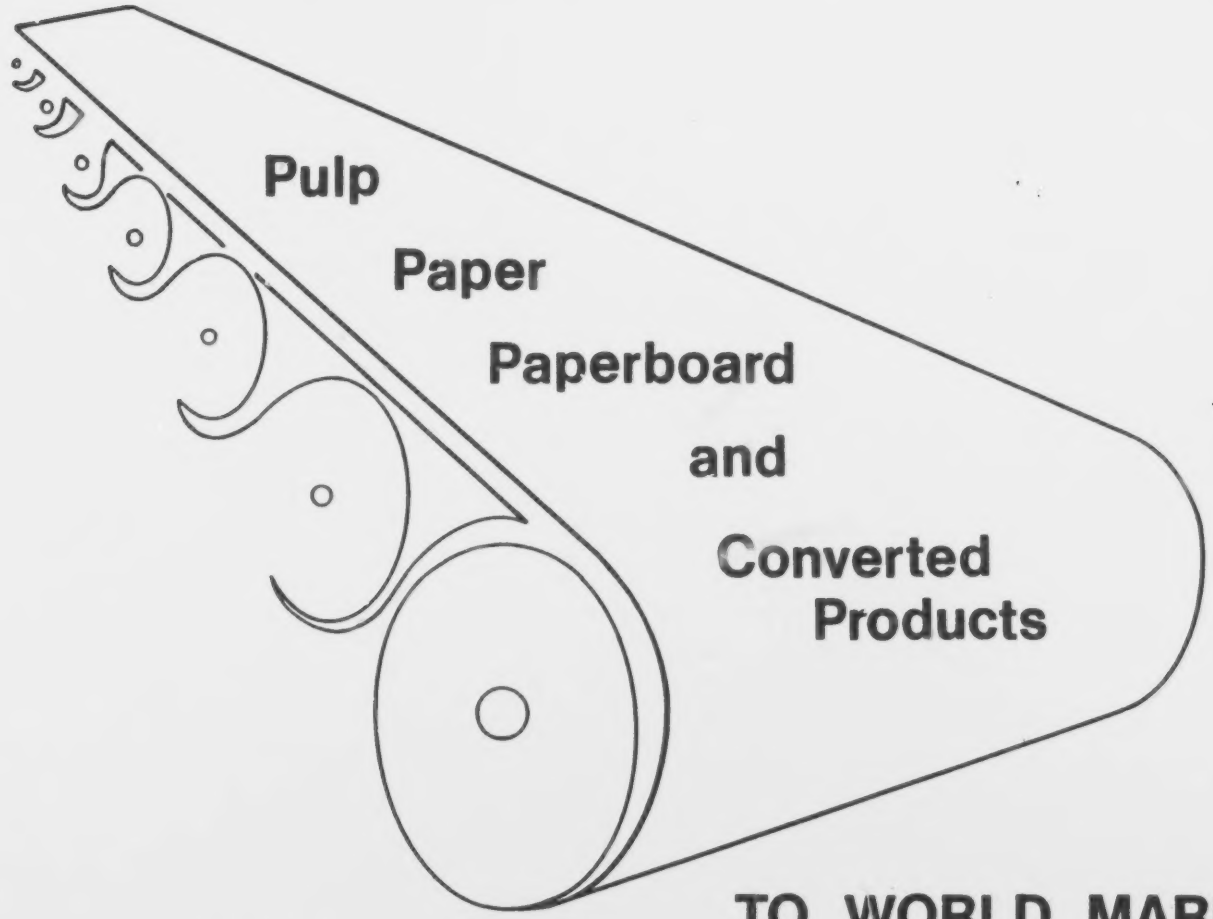


TO WORLD MARKETS - 1983

INTERNATIONAL DEPARTMENT
AMERICAN PAPER INSTITUTE 260 Madison Avenue, New York, N.Y. 10016

SUMMARY AND ANALYSIS

This is the twelfth edition of the American Paper Institute's annual report on U.S. paper industry exports by major product categories to nine major areas of destination plus Canada, Mexico, Japan and the People's Republic of China.[1/] The report includes summary export statistical tables (Appendix I) and a time series for U.S. exports of printing and writing paper, kraft linerboard and bleached paperboard by area of destination. These data are presented in Appendix II.

It should be noted that the figures provided in this report may differ, though very slightly, from the export figures presented in other sources because of possible differences in aggregating and rounding by region.

In 1983, U.S. paper and allied products industry exports amounted to 10.9 million tons, up 10.3% from the depressed 1982 export level. Despite the increase in total export tonnage, U.S. export performance continued to be affected by the strong U.S. dollar in relation to most foreign currencies, economic problems in the developing countries, sluggish economic recovery in Western Europe and by intense competition from Scandinavian producers who benefited from the 1982 devaluation of their currencies. As a result, the value of total U.S. paper industry exports dropped to $4.23 billion from $4.32 billion in 1982.

Total U.S. export tonnage posted gains to all major world regions except for exports to South America (-23%) and exports to the Middle East region (-8.7%). The sharpest rise occurred in Japan (+32.3% to 1.6 million tons) where U.S. paper industry exports greatly benefited from the pick up in Japan's industrial output. On the other hand, the strong U.S. dollar in relation to the Japanese yen was the major reason for the more limited increase in the value of U.S. exports (+14.4% to $616.8 million). Wood pulp, kraft linerboard and waste paper were the main growth export categories to Japan.

1/ Detailed Bureau of the Census data on exports to individual countries are kept on file and are available upon request from the International Department. Data are presented in this report on both a volume (short ton) and a dollar basis.

Total U.S. exports to the Far East/Oceania region continued to grow in 1983 (+11.6% to 2.3 million tons) on the strength of demand from the region's newly industrialized countries, particularly Korea, Taiwan, Hong Kong and Singapore. Waste paper and wood pulp, but also kraft linerboard and bleached paperboard exports to this region posted strong gains in 1983. U.S. exports to Western Europe increased more modestly (+4.5% to 3 million tons), reflecting this region's relatively slow economic recovery. At the same time, depressed prices for wood pulp and kraft linerboard in local markets contributed to a 6.7% drop in the value of total U.S. paper industry exports to this region.

Table 1 below provides data for total U.S. paper industry exports.

Table 1

U.S. PAPER INDUSTRY EXPORTS - WORLDWIDE

	1983		1982		Percentage Change: 1983/1982	
	Short Tons	Value ($1,000)	Short Tons	Value ($1,000)	Tonnage	Value
Wood Pulp	3,643,963	1,362,023	3,394,648	1,414,558	+ 7.3	- 3.7
Cotton and Other Pulp	102,863	69,806	104,560	72,327	- 1.6	- 3.5
Waste Paper	2,573,716	308,916	2,127,050	238,935	+21.0	+29.3
Paper, Paperboard and Converted Products	4,568,907	2,481,144	4,246,041	2,589,319	+ 7.6	- 4.2
GRAND TOTAL	10,889,449	4,229,854*	9,872,299	4,324,129**	+10.3	- 2.2

*Grand total includes $7,965,000 for which no tonnage figures are available.
**Grand total includes $8,990,000 for which no tonnage figures are available.

Wood Pulp

The quantity of wood pulp exports in 1983 rose 7.3% to 3,643,963 tons.1/ Nevertheless, weak prices in overseas markets led to a 3.7% drop in the value of wood pulp exports to $1.36 billion. (For regional comparison of performance, see Table 2.) Exports of bleached sulfate softwood, the largest export grade, were 1,592,788 tons, relatively unchanged (+2,000 tons) from last year's level. In contrast, exports of bleached sulfate hardwood jumped nearly 20% to a record 917,370 tons. Significantly, bleached sulfate hardwood exports in 1983 accounted for 30% of paper grade wood pulp exports compared to the 26-27% level in the previous three years. Dissolving pulp exports increased slightly (+2.4%) to 646,509 tons but remained considerably below the 783,848 tons exported in 1981. Exports of wood pulp represented 56.3% of U.S. market pulp production, compared to 59.2% in 1982 but well above the 47% of market pulp production exported a decade ago.

Western Europe remained by far the largest regional market, taking more than 48% of U.S. wood pulp export shipments. Although U.S. pulp exports to this region increased 4.8% to 1,758,500 tons in 1983, the strength of the U.S. dollar led to a drop in U.S. share of Western Europe's total pulp imports from North America and the Nordic countries particularly for chemical paper grade wood pulp. According to API data, total shipments of chemical paper grade market pulp to the region from North America and the Nordic countries increased 11% to 6,768,000 tons. While Canadian and Finnish shipments were each up 10%, Swedish shipments up 12% and Norway's shipments up 65% (from a very small base), U.S. shipments rose only 7%.

The market situation for wood pulp in Western Europe varied from country to country. Reflecting the improved performance of the German paper industry, U.S. wood pulp exports to that country rose more than 19% in 1983 to 563,039 tons. On the other hand, U.S. wood pulp exports to France dropped 14% to 196,589 tons although French wood pulp production and total imports rose slightly in 1983. U.S. wood pulp exports to the United Kingdom (287,864 tons, up 5.3%) and Italy (252,435 tons, up 2.6%) in 1983 reflect slow growth of these markets and strong competition.

1/ The analysis in this report is only a brief summary in the context of overall exports. The API Pulp Group provides detailed information on exports in its monthly "U.S. Wood Pulp Data" reports. It should be noted that the API data on total wood pulp export shipments in 1983 amounted to 3,422,000 tons. Although this is 220,000 tons lower than the Bureau of the Census export figure, it represents a narrowing of the difference which was 250,000 tons in 1982 and 340,000 tons in 1981.

Wood pulp exports to Japan, the largest single country market, amounted to 717,512 tons, almost 22% higher than in 1982. Significantly, paper grade wood pulp exports surged 29.5% mainly because of strong gains in Japan's paper and board output and tight domestic supply for wood pulp.

U.S. pulp shipments to the Far East/Oceania region rose 20% in 1983 to 483,812 tons. The most significant increase occurred in shipments to South Korea which surged to 218,306 tons in 1983, 51% greater than the previous year. The People's Republic of China purchased 69,448 tons of U.S. wood pulp, about one third more than in 1982, but far short of the 174,416 tons this country purchased in 1981.

A comparison of the regional distribution of U.S. wood pulp exports between 1983 and 1973 is provided in Chart 1 on Page 28.

Table 2

U.S. EXPORTS OF WOOD PULP BY AREA OF DESTINATION

	Tonnage			Value		
	1983	1982	% Change	1983	1982 ($1,000)	% Change
Western Europe	1,758,500	1,677,764	+ 4.8	654,802	718,841	- 8.9
Canada	133,633	116,067	+15.1	55,369	54,691	+ 1.2
Mexico	198,095	196,943	+ 0.6	72,896	84,023	-13.2
Central America, Caribbean and Other Islands	23,382	20,571	+13.7	7,671	7,600	+ 9.9
South America	127,894	175,264	-27.0	45,090	65,913	-31.6
Near and Middle East	19,507	39,508	-50.6	7,661	14,723	-48.0
Africa	104,995	113,681	- 7.6	36,850	42,999	-14.3
Oceania and Far East	483,812	403,411	+19.9	168,315	140,451	+19.8
Japan	717,512	590,176	+21.6	292,206	265,766	+ 9.9
U.S.S.R. and Eastern Europe	7,185	15,142	-52.5	3,036	5,570	-45.5
People's Republic of China	69,448	46,121	+50.6	18,127	13,981	+29.7
TOTAL	3,643,963	3,394,648	+ 7.3	1,362,023	1,414,558	- 3.7

Waste Paper

U.S. waste paper exports in 1983 were 2,573,716 tons, a substantial increase over the 1982 level of 2,127,050 tons and only slightly lower than the record export level reached in 1980. Korea (557,197 tons up 8.8%) and Taiwan (544,864 tons, up 17.9%) continued to be the two largest markets. At the same time, substantial increases were recorded in waste paper exports to Mexico (427,424 tons, up 80.8%) and Japan (266,163 tons, up 151%).1/

See Table 3 for a comparison between 1983 and 1982 in the regional distribution of U.S. waste paper exports.

Table 3

U.S. EXPORTS OF WASTE PAPER BY AREA OF DESTINATION

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	143,278	194,736	- 26.4	14,503	20,010	- 27.5
Canada	346,809	271,395	+ 27.8	39,378	32,555	+ 21.0
Mexico	427,424	236,346	+ 80.8	59,883	30,733	+ 94.8
Central America, Caribbean and Other Islands	31,009	17,873	+ 73.5	4,869	2,577	+ 88.9
South America	104,836	138,754	- 24.4	13,759	16,529	- 16.8
Near and Middle East	245	6,915	- 96.5	49	587	- 91.7
Africa	213	3,622	- 94.1	97	440	- 78.0
Oceania and Far East	1,226,852	1,103,315	+ 11.2	144,379	120,442	+ 19.9
Japan	266,163	105,851	+151.5	28,816	11,320	+155.0
People's Republic of China	26,887	48,243	- 44.3	3,183	3,742	- 14.9
TOTAL	2,573,716	2,127,050	+ 21.0	308,916	238,935	+ 29.3

1/ For greater details on U.S. waste paper exports, see the API International Department's report, "U.S. Exports of Waste Paper in 1983", as well as the API Paper Recycling Committee's monthly report, "U.S. Exports of Waste Paper".

Paper, Paperboard and Converted Products

Combined U.S. exports of paper, paperboard and converted products rebounded in 1983 to 4,568,907 tons, compared to 4,246,041 tons in 1982, on the strength of a healthy increase in paperboard exports. The value of 1983 exports, however dropped $108 million to $2.48 billion.

Canada, with a 14.4% share of U.S. exports, continued to be the largest single importing country. 1983 shipments to Canada amounted to 659,393 tons with a value of $471.5 million. Exports to Japan, the second largest U.S. customer, reached 562,367 tons, for a 12.3% share of U.S. exports of paper, paperboard and converted products compared to 11.2% share in 1982. A decade ago exports to Japan represented only 2.7% of U.S. exports to all destinations. It should be noted that exports to Canada are spread over all export grades while exports to Japan are dominated by newsprint, kraft linerboard and bleached paperboard.

For a summary of U.S. export tonnage of paper, paperboard and converted products to Canada and Japan see Table 17 on Page 26 and Table 18 on Page 27, respectively.

In addition to the emergence of Japan in the past decade as a dominant market for U.S. exports there have been several significant developments in the regional distribution of U.S. exports of paper, paperboard and converted products. Latin America (including Mexico) is the largest regional market with a 22.7% share compared to 26.3% in 1973. At the same time, Western Europe's share has diminished from 36% to 22%. In contrast, the share of the Far East/Oceania region (excluding Japan) rose from 9.2% in 1973 to 13.1% in 1983. These changes should be viewed within the increase of total exports of 1.5 million tons since 1973. See Chart 2, Page 30, for a comparison of the regional distribution of U.S. exports of paper, paperboard and converted products between 1983 and 1973.

Paper

Unlike the overall growth in U.S. paper industry exports, exports of the paper category continued to decline in 1983. Total paper exports amounted to 773,762 tons, 7.9% less than in 1982 while the value of exports dropped almost 12% to $599.6 million. Altogether, 1983 exports were 235,000 tons less than the 1981 peak. Export shipments of

all paper categories dropped in 1983, although exports of two categories, i.e., packaging and industrial converting paper (-0.5%) and special industrial and absorbent paper (-0.8%), showed only small declines compared to last year's level.

Table 4 provides export data for various paper categories for 1983 and 1982.

Table 4

U.S. EXPORTS OF PAPER BY CATEGORY

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Newsprint	294,872	307,657	- 4.2	127,119	142,964	-11.1
Printing, Writing and Related Paper	201,825	246,617	-18.2	198,310	239,135	-17.1
Packaging and Industrial Converting Paper	149,666	150,427	- 0.5	72,973	81,494	-10.5
Tissue Paper	15,876	23,310	-31.9	18,851	25,416	-25.8
Special Industrial and Absorbent Paper	111,523	112,434	- 0.8	182,304	190,060	- 4.1
TOTAL	773,762	840,445	- 7.9	599,557	679,069	-11.7

Newsprint

After two years of growth, U.S. newsprint exports fell back slightly (-4.2%) to 294,872 tons in 1983. On a value basis, exports dropped more sharply (-11.1%) to $127.1 million. Nevertheless, export shipments to Japan continued to grow, reaching 181,141 tons in 1983, up from 176,164 tons in 1982. In the same period, Japan's domestic newsprint output declined 0.7%. Total exports to the Far East/Oceania area posted a sharp 37% increase to 55,650 tons. The markets in this region are very volatile and changes occur from a small base. For example, U.S. newsprint shipments to Singapore shot up 173% to 15,124 tons, and shipments to Taiwan were up 162% to 11,052 tons, while exports to Indonesia dropped 47% to 11,784 tons.

Although Mexico continued to be the second largest export market for U.S. newsprint with 1983 shipments of 21,392 tons, this amount was less than half the 45,392 tons shipped in 1982. Altogether, newsprint shipments to Mexico have dropped by close to 45,000 tons since 1981.

Printing, Writing and Related Paper

In 1983, exports of printing, writing and related paper were 201,825 tons, a substantial decrease from the 1982 level of 246,617 tons. Since the recent peak reached in 1981, exports of this category have dropped more than 180,000 tons. The value of 1983 exports was $198.3 million, down from $239.1 million in 1982. Exports of each grade declined in 1983 with the sharpest drop occurring in exports of uncoated groundwood (down 18,624 tons).

The sharp decline in overall U.S. exports of printing and writing paper must be considered within the context of the intense demand from U.S. publishers and printers for the domestic output of these grades. The strength of domestic demand was especially apparent in the sharp deterioration of the U.S. net trade position for printing and writing grades. In 1982, imports exceeded exports by nearly 520,000 tons while in 1983 negative net trade reached 950,000 tons.

Despite the decline of this export category, shipments to Canada rose more than 10% to 125,112 tons. On the other hand, exports to Mexico plummeted sharply to only 12,449 tons compared to 40,005 tons in 1982 and 91,867 tons in 1981. Mexico's severe economic and

financial problems are generally considered to be among the primary causes for the sharp drop in the country's purchases of U.S. paper. Furthermore, these decreases should be viewed within the context of statements made by officials of the Mexican government indicating that Mexico intends to boost domestic production of printing and writing paper in order to save foreign exchange. In view of its continuing financial difficulties, however, Mexico's ability to raise capital for this purpose is open to question.

Table 5 compares U.S. exports of printing, writing and related paper in 1983 and 1982.

Table 5

U.S. EXPORTS OF PRINTING, WRITING AND RELATED PAPERS

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Not Cut to Size or Shape:	186,426	221,973	-16.0	178,009	211,614	-15.9
Uncoated Groundwood	37,292	55,916	-33.3	33,301	48,430	-31.2
Clay-Coated Groundwood	33,987	34,669	- 2.0	25,173	25,965	- 3.1
Uncoated Free Sheet	44,962	47,587	- 5.5	54,049	51,509	+ 4.9
Clay-Coated Free Sheet	45,199	46,704	- 3.2	34,862	39,521	-11.8
Other Printing, Writing and Related	24,986	37,097	-32.6	30,624	46,189	-33.7
Cut to Size or Shape:	15,399	24,644	-37.5	20,301	27,521	-26.2
Uncoated Free Sheet	14,173	23,012	-38.4	17,615	23,942	-26.4
Cotton Fiber	1,226	1,632	-24.9	2,686	3,579	-25.0
TOTAL	201,825	246,617	-18.2	198,310	239,135	-17.1

Packaging and Industrial Converting Paper

Exports of packaging and industrial converting paper were 149,666 tons, virtually unchanged (-0.5%) from the 1982 level. The value of these exports dropped almost 11% to $73.0 million. Within this export category, kraft shipping sack (both bleached and unbleached) totaled 75,521 tons, up from 60,701 tons in 1982. In contrast, exports of "other" kraft bag and sack (both bleached and unbleached) dropped to 50,439 tons from 53,815 tons in 1982 (1981: 70,019 tons). Exports of glassine and greaseproof paper, never a major export category, dropped to 3,244 tons from 5,460 tons in 1982.

Canada continued to be the largest market for U.S. packaging and industrial converting paper. Shipments to Canada rose to 34,706 tons from 20,289 tons shipped in 1982. Of this export category, exports of unbleached kraft shipping sack totaled 16,735 tons (1982: 5,141 tons) and exports of unbleached "other" kraft bag and sack totaled 8,520 tons (1982: 5,497 tons). Interestingly, export shipments to Africa rose to 27,678 tons from 9,518 tons in 1982. The most significant gains were achieved in shipments of unbleached kraft shipping sack to South Africa (9,561 tons up from 5,222 tons in 1982) and in shipments of unbleached "other" kraft bag and sack to the Ivory Coast (4,874 tons compared to zero in 1982). On the other hand, exports to Turkey of kraft shipping sack dropped to zero from the 18,854 tons exported in 1982.

Tissue Paper

Exports of primary tissue paper were 15,876 tons in 1983, almost 32% lower than the already depressed 1982 level. Since 1981, exports of tissue paper have declined close to 36,000 tons. Increasing tissue capacity in overseas markets (with reported overcapacity in Western Europe) as well as the high value of the U.S. dollar and high transportation costs are limiting tissue paper as an export grade. Exports of converted tissue paper also dropped by 35%.

Special Industrial and Absorbent Paper

U.S. exports of special industrial and absorbent paper amounted to 111,523 tons, almost unchanged (-0.8%) from the 1982 export level, while the value of exports declined 4.1% to $182.3 million. Although small, the latest drop in the export tonnage of this category represents the third consecutive year to year drop from the record 142,254 tons reached in 1980.

After the sharp drop in 1982, shipments to Canada reached 63,392 tons in 1983 up from 47,736 tons. Exports to Canada accounted for almost 57% of total exports of special industrial paper compared to 42.5% in 1982.

Because of classification and definition problems, it is impossible to relate exports to production. It is evident from available data, however, that exports of special industrial and absorbent paper represent a significant portion of U.S. production.

Paperboard

Unlike paper exports, U.S. paperboard export shipments rebounded strongly in 1983 rising 13.4% to 3,143,410 tons, with the strongest tonnage growth achieved in exports of kraft linerboard. On a value basis, exports rose more modestly, increasing 4% to $1,086.5 million.

Table 6 summarizes the export data of the major paperboard categories for 1983 and 1982.

Table 6

U.S. EXPORTS OF PAPERBOARD BY CATEGORY

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Unbleached Kraft Linerboard	2,254,546	1,886,193	+19.5	575,862	542,303	+ 6.2
Other Unbleached Kraft Paperboard	107,143	139,219	-23.0	51,823	60,780	-14.7
Semi-Chemical Corrugating Medium	73,759	61,422	+20.1	17,145	18,116	- 5.4
Bleached Paperboard	558,325	525,733	+ 6.2	371,437	349,615	+ 6.2
Recycled Paperboard	149,637	158,479	- 5.6	70,226	74,094	- 5.2
TOTAL	3,143,410	2,771,046	+13.4	1,086,493	1,044,908	+ 4.0

Unbleached Kraft Linerboard

Unbleached kraft linerboard (a small amount of bleached kraft linerboard is also included) is the most important export grade representing nearly 57% of total paper, paperboard and converted products export tonnage, up from the 1982 level of 51%. In 1983 exports of kraft linerboard amounted to 2,254,546 tons, a substantial increase (+19.5%) over the 1982 level of 1,886,193 tons, and second only to the record 2.5 million tons exported in 1980. The value of kraft linerboard exports, however, rose far less than the volume of shipments. The total value of 1983 kraft linerboard exports was $575.9 million, up 6.2% from the previous year. In 1983, kraft linerboard exports accounted for 14.0% of API reported U.S. unbleached kraft paperboard production, almost unchanged from the previous year (13.9%).

The data for total U.S. exports of kraft linerboard by area of destination in 1983 and 1982 are presented in Table 7. The API International Department issues a detailed annual report on kraft linerboard exports by country of destination from the U.S. and from other major supplying countries.1/ Therefore, no separate analysis is presented in this report.

Table 7

U.S. EXPORTS OF UNBLEACHED KRAFT LINERBOARD2/

BY AREA OF DESTINATION

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	761,305	643,610	+18.3	196,669	181,610	+ 8.3
Canada	47,655	47,745	- 0.2	11,073	13,479	-17.8
Mexico	19,576	25,340	-22.7	4,810	7,267	-33.8
Central America, Caribbean and Other Islands	330,722	292,764	+13.0	83,930	78,325	+ 7.2
South America	109,768	132,937	-17.4	29,803	41,182	-27.6
Near and Middle East	150,502	111,589	+34.9	39,841	33,224	+19.9
Africa	167,920	149,339	+12.4	40,738	40,806	- 0.2
Oceania and Far East	311,317	253,992	+22.6	84,266	78,090	+ 7.9
Japan	189,495	117,715	+61.0	53,150	36,090	+47.3
U.S.S.R./Eastern Europe	0	0	----	0	0	----
People's Republic of China	166,286	111,162	+49.6	31,582	32,239	- 2.0
TOTAL	2,254,546	1,886,193	+19.5	575,862	542,303	+ 6.2

1/ See "Exports of Kraft Linerboard and Corrugating Material from Major Supplying Countries to World Markets, 1982-1983" issued in May, 1983. API's Fourdrinier Kraft Board Group also issues monthly reports on kraft linerboard production for export.

2/ Small amount of bleached kraft linerboard is also included.

Bleached Kraft Paperboard

In 1983, bleached paperboard exports regained some of the tonnage lost in the previous two years. Exports of all grades of bleached paperboard were 558,325 tons, 6.2% higher than the 1982 export level. On a value basis, exports rose 6.2%, to a record $371.4 million. The 1983 export tonnage accounted for 14.6% of total U.S. production of solid bleached paperboard, practically unchanged from 1982 (14.7%), this compared to 7% a decade ago.

Exports to Japan, the largest foreign market for U.S. bleached paperboard, reached a record 159,284 tons in 1983, up from 134,247 tons in 1982. In 1980, the previous peak year, 151,317 tons of bleached paperboard were shipped to Japan. In 1983, exports to Australia edged up (+1.3%) to 71,606 tons. Canada regained its previous position as the third largest U.S. market with exports reaching 65,249 tons while exports to South Africa were 58,181 tons, 7.8% off the 1982 export level.

In evaluating the flow of bleached paperboard exports, U.S. exports can not be compared to foreign consumption of solid bleached board alone since the types of packaging board used in foreign markets differ significantly from grades used in the U.S. It is important to note, though, that there is very little solid bleached board capacity in the European Community (EC) and Japan, the two major packaging board markets after the U.S. In both markets solid bleached board competes over a range of end uses against domestically and internationally produced duplex and triplex boards. Significantly, Nordic exports of solid bleached and other paperboard benefit from a major competitive advantage since they enter the EC duty free while the duty in 1984 on U.S. uncoated bleached board is 10.1% and the duty on coated bleached board is 9.5%.

In Japan the U.S. faces little competition from other exporters of solid bleached board), but competes against domestically produced "ivory board" (1983 production: 125,000 tons) and other "white board" (1983 production: 1,393,000 tons). Bleached paperboard imports from the U.S. accounted for about 10% of Japanese consumption of all types of bleached paperboard.

Table 8 provides the export data on bleached paperboard by area of destination for 1983 and 1982.

Table 8

U.S. EXPORTS OF BLEACHED PAPERBOARD

BY AREA OF DESTINATION

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	79,155	93,996	- 15.8	52,441	65,055	-19.4
Canada	65,249	57,445	+ 13.6	41,308	37,546	+10.0
Mexico	32,195	34,374	- 6.3	19,284	21,338	- 9.6
Central America, Caribbean and Other Islands	14,395	11,321	+ 27.2	8,308	7,433	+11.8
South America	44,046	40,224	9.5	33,750	29,873	+13.0
Near and Middle East	4,107	1,734	+136.9	1,532	828	+85.0
Africa	62,662	64,580	- 3.0	39,611	43,113	- 8.1
Oceania and Far East	97,232	87,810	+ 10.7	63,087	59,179	+ 6.6
Japan	159,284	134,247	+ 18.6	112,116	85,245	+31.5
U.S.S.R./Eastern Europe	0	0	-----	0	0	----
People's Republic of China	0	2	-----	0	5	----
TOTAL	558,325	525,733	+ 6.2	371,437	349,615	+ 6.2

For statistical purposes, the bleached kraft paperboard category includes the four following subcategories, which in turn are composed of several grades:

(1) Folding boxboard;
(2) Milk carton stock;
(3) Plate, dish, cup and tray stock; and
(4) Other kraft, n.e.c.

Table 9 provides the export data on individual grades of bleached paperboard for 1983 and 1982.

Table 9

U.S. EXPORTS OF BLEACHED PAPERBOARD BY GRADE

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Kraft Folding Boxboard:	87,896	81,339	+ 8.1	57,361	56,735	+ 1.1
Uncoated	5,080	3,917	+ 29.7	3,028	2,366	+ 28.0
Clay Coated	74,263	69,944	+ 6.2	48,550	48,077	+ 1.0
Resin Coated	8,553	7,478	+ 14.4	5,783	6,292	- 8.1
Kraft Milk Carton Stock:	392,485	366,522	+ 7.1	266,165	235,812	+ 12.9
Uncoated	53,103	31,784	+ 67.1	30,984	17,985	+ 72.3
Resin Coated	339,382	334,738	+ 1.4	235,181	217,827	+ 8.0
Plate, Dish, Cup & Tray Stock:	35,970	42,115	- 14.6	23,608	29,647	- 20.4
Uncoated Cup	5,026	6,352	- 20.9	3,859	4,699	- 17.9
Clay Coated	20,784	19,552	+ 6.3	12,422	12,633	- 1.7
Resin Coated	10,160	16,211	- 37.3	7,327	12,315	- 40.5
Other Kraft:	41,974	35,757	+ 17.4	24,303	27,421	- 11.4
Other Uncoated, Over 92 lbs.	17,810	4,855	+267.0	6,183	3,250	+ 90.2
Clay Coated	17,246	17,676	- 2.4	13,246	14,766	- 10.3
Uncoated Non-Packaging	6,918	13,226	- 47.7	4,874	9,405	- 48.2
TOTAL	558,325	525,733	+ 6.2	371,437	349,615	+ 6.2

Kraft Folding Boxboard

Following last year's sharp decline in this export category, shipments of kraft folding boxboard in 1983 rose 8.1% to 87,896 tons. On a value basis, exports rose slightly (+1.1%) to $57.4 million. Most of the tonnage increase occurred in exports to Canada, up 44.4% to 27,216 tons, and to South Africa, up 9.3% to 19,296 tons. By comparison, U.S. exports to Australia, which was the largest customer of this category the previous two years, dropped to 18,496 tons, 9% lower than in 1982.

U.S. exports of bleached kraft folding boxboard to Western Europe are on a secular downward trend, reflecting slow growth in end-use markets and the strong competitive position of Nordic folding boxboard producers. In 1983, total U.S. bleached kraft folding boxboard exports to Western Europe dropped to 1,773 tons compared to 5,324 tons in 1982 and almost 17,000 tons in 1980. See Table 10 for a breakdown of U.S. exports of kraft folding boxboard by major area of destination.

Table 10

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION

KRAFT FOLDING BOXBOARD

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	1,773	5,324	- 66.7	1,010	2,954	-65.8
Canada	27,216	18,848	+ 44.4	17,970	12,992	+38.3
Mexico	2,896	3,139	- 7.7	1,657	2,022	-18.1
Central America, Caribbean and Other Islands	4,939	2,552	+ 93.5	2,562	1,369	+87.1
South America	1,796	2,385	- 24.7	1,143	1,867	-38.8
Near and Middle East	739	921	- 19.8	389	487	-20.1
Africa	22,610	18,525	+ 22.1	13,578	12,870	+ 5.5
Oceania and Far East	25,426	29,455	- 13.7	18,637	21,964	-15.1
Japan	501	190	+163.7	415	210	+97.6
U.S.S.R./Eastern Europe	0	0	-----	0	0	----
People's Republic of China	0	0	-----	0	0	----
TOTAL	87,896	81,339	+ 8.1	57,361	56,735	+ 1.1

Kraft Milk Carton Stock

U.S. exports of coated and uncoated kraft milk carton stock reached 392,485 tons in 1983, only 2,5000 tons lower than the 1980 record exports of this category. On a value basis exports reached $266.2 million. Exports of polycoated milk carton stock, the largest bleached board export category, continued to edge upward (+1.4%) reaching a new all time high of 339,382 tons while export shipments of uncoated milk carton stock rose to 53,103 tons from 31,784 tons in 1982, regaining some of the tonnage lost in the previous year to year period.

Japan, which until a few years ago had no production of liquid packaging board, remained by far the largest purchaser of U.S. milk carton stock taking 146,779 tons in 1983, up from 129,590 tons in 1982. Domestic producers of milk cartons rely mostly on foreign imports and almost exclusively from the U.S. In a new development, Honshu Paper Co., Japan's top paperboard producer, started marketing in 1983 a small amount of lightweight coated paperboard (220 g/m^2) for liquid containers. The Honshu board consists of an outer layer of bleached pulp and an inner layer of unbleached pulp.

Australia regained its former position as the second leading market for U.S. kraft milk carton stock although exports to Australia dropped 10% in 1983 to 38,792 tons. (The Bureau of Census reported 1983 exports to Australia of 26,606 tons of resin coated milk carton stock. We believe that this figure may be in error because the recent growth in local extruding capacity has limited Australian imports of resin coated milk carton stock. Almost all of this export grade, therefore, should probably be reclassified as uncoated milk carton stock.) Exports to South Africa (37,794 tons) and the Netherlands (34,260 tons) were off 15% and 10.4%, respectively. See Table 11 for U.S. exports of kraft milk carton stock by major area of destination.

Table 11

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION

KRAFT MILK CARTON STOCK

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	67,443	79,933	-15.6	45,806	55,259	- 17.1
Canada	23,649	2,658	1/	14,354	1,420	1/
Mexico	28,550	29,097	- 1.9	16,793	17,350	- 3.2
Central America, Caribbean and Other Islands	2,226	3,176	-29.9	1,226	2,017	- 39.2
South America	37,429	28,447	+31.6	28,530	20,068	+ 42.2
Near and Middle East	587	491	+19.6	383	178	+151.2
Africa	38,924	45,062	-13.6	25,139	29,248	- 14.0
Oceania and Far East	46,898	48,068	- 2.4	29,158	28,419	+ 2.6
Japan	146,779	129,590	+13.3	104,776	81,853	+ 28.0
U.S.S.R./Eastern Europe	0	0	----	0	0	-----
People's Republic of China	0	0	----	0	0	-----
TOTAL	392,485	366,522	+ 7.1	266,165	235,812	+ 12.9

Kraft Plate, Dish, Cup and Tray Stocks

Exports of the food service bleached kraft paperboard category were 35,970 tons in 1983, down from 42,115 tons in 1982. Most of the tonnage decrease occured in exports of the resin coated grade which dropped 37.3% to 10,160 tons.

Exports to Canada were 5,151 tons in 1983, sharply down from the 18,875 tons exported in 1982. Exports to Venezuela, the largest market in South America, dropped to 3,638 tons from 8,305 tons in 1982. In contrast, exports to Japan jumped to 11,451 tons from 3,844 tons in 1982 and exports to Australia reached 7,892 tons compared to 1,636 tons

1/ The 1983 figures for exports to Canada of kraft milk carton stock represent an upward adjustment from the data published by the U.S. Bureau of Census because exports of "resin coated" milk carton stock were originally misclassified as "clay coated" plate, dish, cup and tray stock. The grade "resin coated" milk carton stock was revised to 23,549 tons ($14,300,223) from 6,543 tons ($3,499,023). Because of this major revision, we suspect that a similar misclassification occurred in 1982.

in 1982. See Table 12 for the distibution of exports of kraft plate, dish, cup and tray to major areas of destination.

Table 12

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION

KRAFT PLATE, DISH, CUP & TRAY STOCK

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	3,491	5,148	- 32.2	2,720	3,999	- 32.0
Canada	5,151	18,875	1/	2,831	11,554	1/
Mexico	84	240	- 65.0	125	155	- 19.4
Central America, Caribbean and Other Islands	1,889	2,832	- 33.3	1,485	1,959	- 24.2
South America	4,041	8,403	- 51.9	3,320	6,744	- 50.8
Near and Middle East	293	46	n.m.	134	22	n.m.
Africa	838	82	n.m.	618	46	n.m.
Oceania and Far East	8,732	2,645	+230.1	5,786	2,637	+119.4
Japan	11,451	3,844	+197.9	6,589	2,531	+160.3
U.S.S.R./Eastern Europe	0	0	-----	0	0	-----
People's Republic of China	0	0	-----	0	0	-----
TOTAL	35,970	42,115	- 14.6	23,608	29,647	- 20.4

n.m. = not meaningful

1/ The 1983 figures for exports to Canada of kraft plate, dish, cup and tray stock represent a downward revision from the data published by the U.S. Bureau of Census because exports of "resin coated" milk carton stock were originally erroneously classified as exports of "clay coated" plate, dish, cup and tray stock. This grade was revised to 51 tons ($25,148) from 19,086 tons ($11,879,318). Because of this major revision, we suspect that a similar misclassification occurred in 1982.

Other Kraft, n.e.c.

This category includes board for both packaging and non-packaging uses and serves as a residual category absorbing grades of bleached kraft paperboard not elsewhere classified. Exports of this category rose to 41,974 tons in 1983 from 35,757 tons in 1982. Canada remained the largest purchaser of this export category although shipments to Canada dropped close to 46% to 9,233 tons. Offsetting this drop was the more than doubling of exports to the Far East/Oceania region to 16,176 tons, particularly exports to the Philippines and Hong Kong of "other uncoated packaging". See Table 13 for U.S. exports of "other" bleached kraft paperboard by major area of destination.

Table 13.

U.S. EXPORTS OF BLEACHED PAPERBOARD BY AREA OF DESTINATION

OTHER KRAFT, N.E.C.

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	6,448	3,591	+ 79.6	2,905	2,843	+ 2.2
Canada	9,233	17,064	- 45.9	6,153	11,580	- 46.9
Mexico	665	1,898	- 65.0	709	1,811	- 60.9
Central America, Caribbean and Other Islands	5,341	2,761	+ 93.4	3,035	2,088	+ 45.4
South America	780	989	- 21.1	757	1,194	- 36.6
Near and Middle East	2,488	276	+801.4	626	141	+344.0
Africa	290	911	- 68.2	276	949	- 70.9
Oceania and Far East	16,176	7,642	+111.7	9,506	6,159	+ 54.3
Japan	553	623	- 11.2	336	651	- 48.4
U.S.S.R./Eastern Europe	0	0	-----	0	0	-----
People's Republic of China	0	2	-----	0	5	-----
TOTAL	41,974	35,757	+ 17.4	24,303	27,421	- 11.4

Recycled Paperboard

U.S. exports of recycled paperboard fell for the third year in a row, with export tonnage off 5.6% to 149,637 tons. By comparison, exports in 1980 were 248,754 tons.

Exports of clay coated paperboard, which was the largest recycled grade in 1982, dropped by almost 55% to only 22,310 tons. In 1983, exports of this grade to Hong Kong were 495 tons compared to 9,604 tons the previous year while only 1 ton was exported to Indonesia compared to 7,757 tons in 1982. In contrast, exports of uncoated non-packaging recycled paperboard increased by nearly 10,000 tons to 42,324 tons in 1983. The largest tonnage gains in exports of this grade were to Canada (+5,911 tons) and Saudi Arabia (+2,997 tons). See Table 14 for data on individual recycled paperboard export grades and Table 15 for U.S. exports by major area of destination in 1983 and 1982.

Table 14

U.S. EXPORTS OF RECYCLED PAPERBOARD BY GRADE

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Linerboard	19,626	23,093	-15.0	7,535	9,669	-22.1
Corrugating Medium	29,869	19,233	+55.3	5,373	4,412	+21.8
Uncoated Folding Carton Stock	8,451	12,778	-33.9	4,547	7,011	-35.1
Other Uncoated Packaging	27,057	21,621	+25.1	14,652	10,787	+35.8
Clay Coated	22,310	49,333	-54.8	8,710	15,920	-45.3
Uncoated Non-Packaging	42,324	32,421	+30.5	29,409	26,295	+11.8
TOTAL	149,637	158,479	- 5.6	70,226	74,094	- 5.2

Table 15

U.S. EXPORTS OF RECYCLED PAPERBOARD BY AREA

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Western Europe	6,555	9,810	- 33.2	4,138	6,753	-38.7
Canada	53,546	48,822	+ 9.7	22,667	20,251	+11.9
Mexico	3,335	5,570	- 40.1	2,498	4,312	-42.1
Central America, Caribbean and Other Islands	29,643	38,187	- 22.4	13,128	15,799	-16.9
South America	3,966	6,404	- 38.1	3,584	4,491	-20.2
Near and Middle East	5,322	1,776	+199.7	2,838	1,677	+69.2
Africa	10,488	5,518	+ 90.1	3,513	2,492	+41.0
Oceania and Far East	15,292	31,973	- 52.2	12,440	14,735	-15.6
Japan	1,144	1,185	- 3.5	846	865	- 2.2
U.S.S.R./Eastern Europe	0	0	-----	0	0	----
People's Republic of China	20,346	9,234	+120.3	4,574	2,719	+68.2
TOTAL	149,637	158,479	- 5.6	70,226	74,094	- 5.2

Converted Paper and Paperboard Products

Exports of converted products amounted to 584,363 tons, up 1.5% from the 575,628 tons exported in 1982. The total value of exports of converted products was $763.1 million compared to the record $835.0 million exported in 1982. In 1983, this category's share of total exports of paper, paperboard and converted products was 12.8% by volume and 30.8% by value, down slightly from the 1982 level.

"Paperboard boxes, cartons and drums" was again the largest export category at 136,408 tons, although this was 15,615 tons lower than the 1982 amount. Within this category, exports of corrugated boxes dropped to 88,515 tons in 1983 from 97,801 tons the year before. The 1982 figure, it should be noted, was particularly high since a strike that year at Canadian box plants created strong Canadian demand for U.S. corrugated boxes. In 1983, corrugated box shipments to Canada settled back to 30,940 tons from the 50,108 tons exported in 1982.

In 1983, exports of "tissue and sanitary products" declined for the third consecutive year. Exports of this category dropped almost 35% to 75,226 tons. Altogether, these exports were less than half the record exports of 179,901 tons reached in 1980. Within this category, exports of "other" tissue products which include diapers and other disposable sanitary products were 45,131 tons compared to 81,258 tons in 1982. The fall reflects the sharp drop in exports to Japan and Saudi Arabia, which have been the largest markets in the past few years. In 1983 exports to Japan dropped 11,374 tons to 3,848 tons while exports to Saudi Arabia dropped 11,524 tons to 3,663 tons.

Exports of milk carton blanks, which are classified in the "sanitary food containers" category, were 36,413 tons in 1983, up 2.4% from last year's export level. South Korea (5,962 tons, up 35.4%) was the leading market for U.S. milk carton blanks.

Exports to Canada, the largest market for U.S. converted products, increased for the third consecutive year. Exports of this category reached 211,255 tons in 1983, up 5.8% from the previous year. On a value basis, however, exports were off 1.6% to $164.7 million. Exports to Mexico, the second leading market for converted paper products, rose sharply (27.1%) to 133,979 tons while the value of these exports rose 5.7% to $406.5 million in 1983.

Table 16 summarizes the data for total U.S. exports of major categories of converted products in 1983 and 1982.

Table 16

U.S. EXPORTS OF CONVERTED PAPER AND PAPERBOARD PRODUCTS BY CATEGORY

	Tonnage			Value		
	1983	1982	% Change	1983	1982	% Change
				($1,000)		
Wall Paper	2,965	3,022	- 1.9	11,455	12,055	- 5.0
Printing, Writing and Related Paper Products	68,292	56,569	+20.7	78,038	85,552	- 8.8
Cigarette Paper	16,280	17,723	- 8.1	44,419	46,350	- 4.2
Packaging and Industrial Converting Paper Products	25,601	24,013	+ 6.6	33,002	33,993	- 2.9
Tissue Paper Products	75,226	115,308	-34.8	131,390	201,401	-34.8
Special Industrial Paper Products, Molded Pulp and Other	123,548	99,170	+24.6	237,383	211,811	+12.1
Paperboard Boxes, Cartons and Drums	136,408	152,023	-10.3	111,365	118,880	- 6.3
Sanitary Food Containers	52,765	54,367	- 2.9	68,801	71,063	- 3.2
Corrugated Paper and Paperboard	81,069	49,939	+62.3	44,617	49,828	-10.5
Composite Paper and Paperboard	2,209	3,494	-36.8	2,632	4,033	-34.7
TOTAL	584,363	575,628	+ 1.5	763,102	834,966	- 8.6

Table 17

U.S. EXPORTS OF PAPER, PAPERBOARD AND CONVERTED PRODUCTS TO CANADA, 1983

	Tons	Value ($1,000)	% of Total U.S. Export Tons	% of Total U.S. Export Value
Newsprint	4,312	3,805	1.5	3.0
Printing, Writing and Related Paper	125,112	101,542	62.0	51.2
Packaging and Industrial Converting Paper	34,706	21,102	23.2	28.9
Tissue Paper	3,556	2,969	22.4	15.7
Special Industrial and Absorbent Paper	63,392	81,397	56.8	44.6
Unbleached Kraft Linerboard	47,655	11,073	2.1	1.9
Other Unbleached Kraft Paperboard	15,937	7,612	14.9	14.7
Corrugating Medium	3,553	1,473	4.8	8.6
Bleached Paperboard	65,249	41,308	11.7	11.1
Recycled Paperboard	53,546	22,667	35.8	32.3
Wet Machine Board	5,289	2,976	45.5	54.9
Construction Paper and Paperboard	25,831	8,955	46.3	33.7
Converted Products	211,255	164,665	36.2	21.6
TOTAL	659,393	471,544	14.4	19.0

Table 18

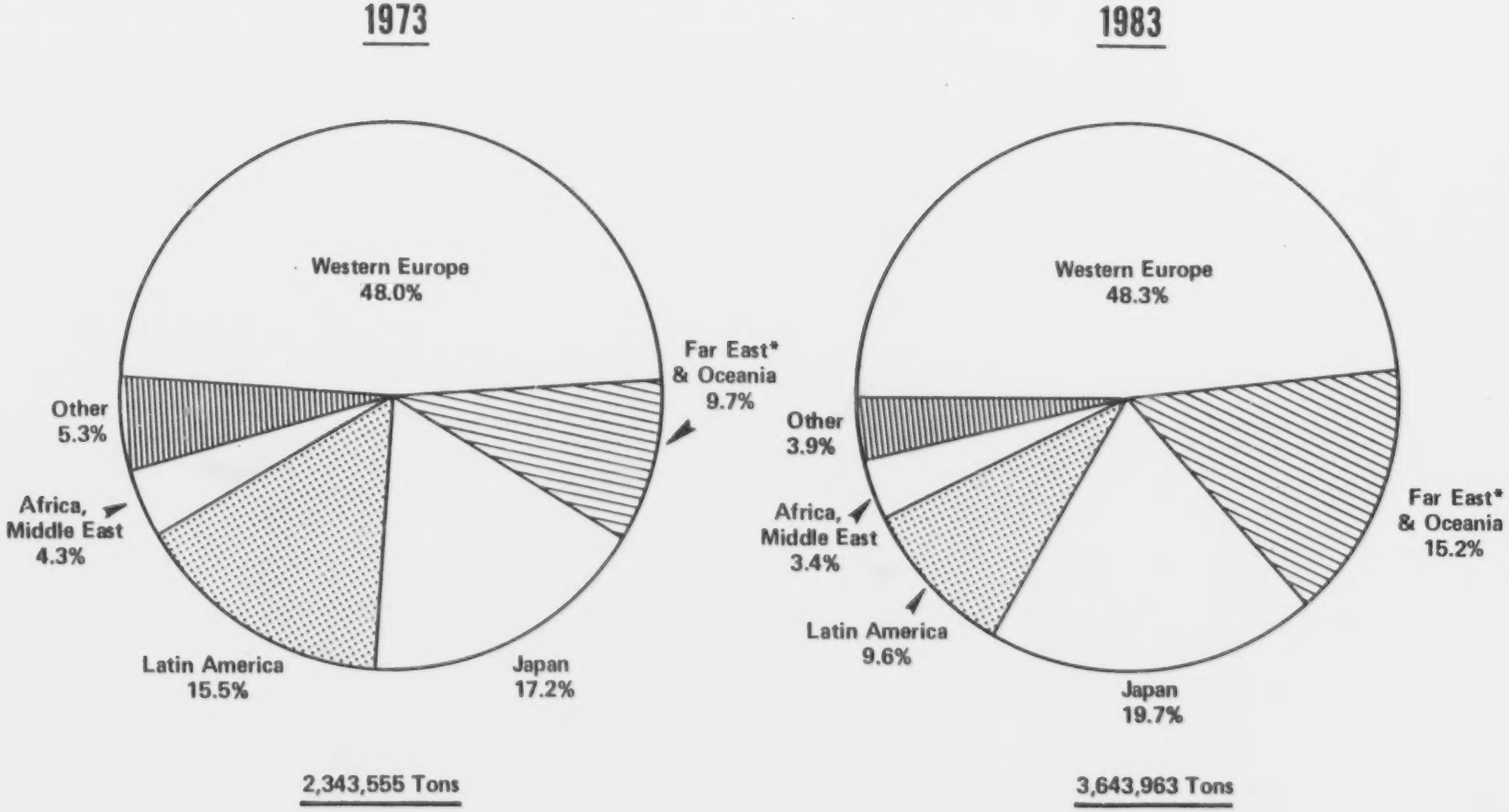
U.S. EXPORTS OF PAPER, PAPERBOARD AND CONVERTED PRODUCTS TO JAPAN, 1983

	Tons	Value ($1,000)	% of Total U.S. Export Tons	% of Total U.S. Export Value
Newsprint	181,141	82,944	61.4	65.2
Unbleached Kraft Linerboard	189,495	53,150	8.4	9.2
Bleached Paperboard	159,284	112,116	28.5	30.2
Other Paper and Paperboard	24,897	23,197	2.8	3.6
Converted Products	7,550	17,218	1.3	2.3
TOTAL	562,367	288,625	12.3	11.6

CHART 1

WOOD PULP EXPORTS

Percentage Distribution of U.S. Exports by Major Area of Destination

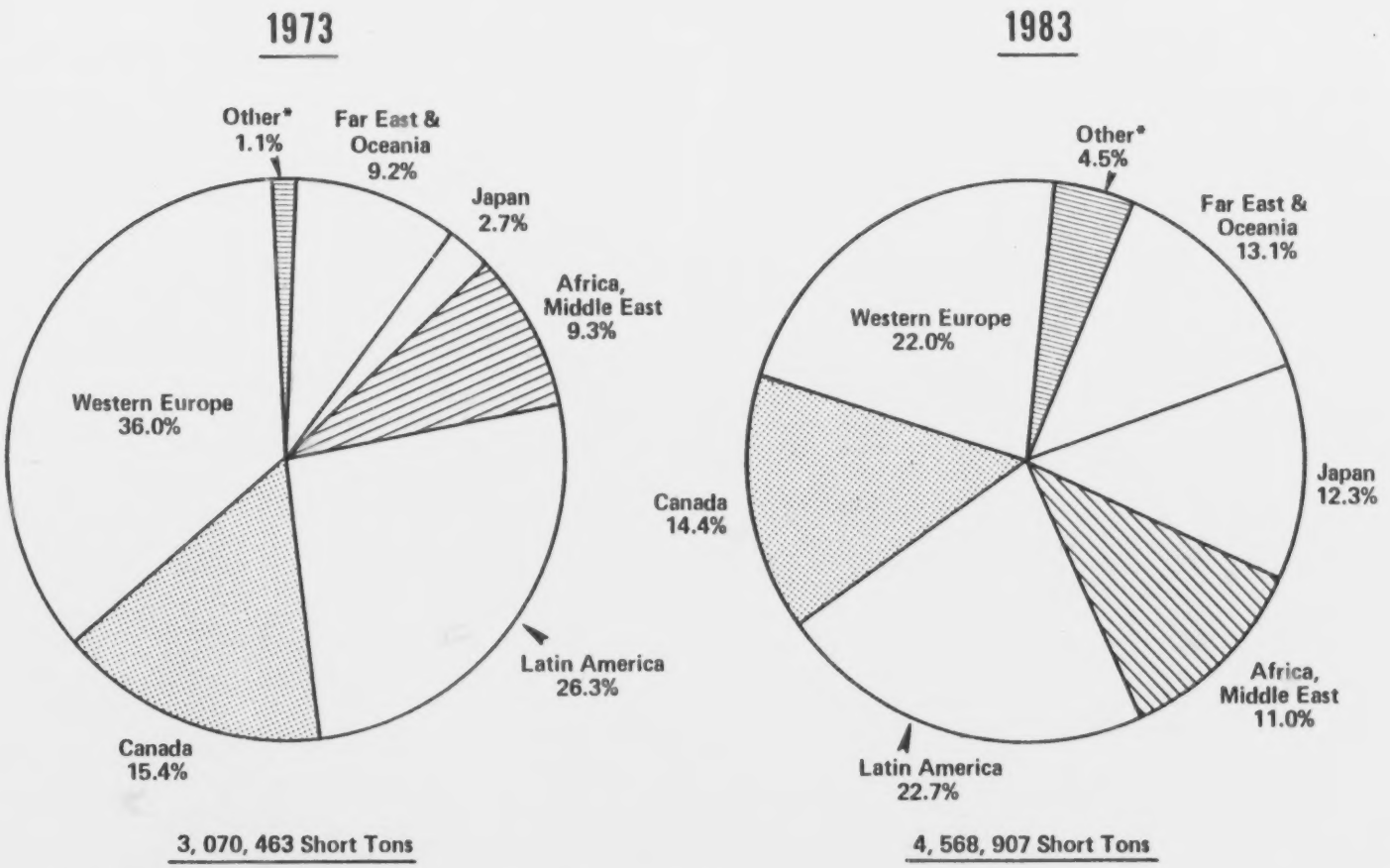


*Includes People's Republic of China

CHART 2

U.S. EXPORTS OF PAPER, PAPERBOARD AND CONVERTED PRODUCTS

Percentage Distribution of U.S. Exports by Major Area of Destination



* Includes USSR/ Eastern Europe and People's Republic of China

STATISTICAL NOTE

Although the source of the basic information presented in this report is the Bureau of the Census, U.S. Department of Commerce, the data as compiled in this report are unavailable anywhere else.

The Census Bureau reports export values on f.a.s. (free alongside ship) basis, which excludes the following costs: loading merchandise aboard the exporting carrier; freight; insurance; and any other charges incurred beyond the port of exit.

1983 was the sixth year that the revised U.S. Government export classification system was in effect. Consequently, the 1983 data for the individual grade categories are comparable only with data since 1978 and not with the figures for the previous years. However, the aggregate numbers for total paper, paperboard and converted products are fully comparable.

If you have any questions about this report, or if you would like to have additional information, please contact Jacob Handelsman, Associate Director, International Department, or me.

Irene W. Meister
Vice President, International

API International Department, May 1984.

APPENDIX I

U.S. EXPORTS OF PULP, PAPER, PAPERBOARD AND CONVERTED PRODUCTS

1983

	WORLD TOTAL		TOTAL WESTERN EUROPE		ENLARGED EC**		EC - ORIGINAL SIX MEMBERS	
	Tons*	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
GRAND TOTAL	10,889,449	4,229,854	2,969,063	1,171,695	2,671,686	1,066,469	1,973,327	786,514
WOOD PULP TOTAL	3,643,963	1,362,023	1,758,500	654,802	1,623,015	604,599	1,334,676	497,874
COTTON AND OTHER PULP	102,863	69,806	63,912	45,701	56,726	41,060	39,969	28,018
WASTE PAPER	2,573,716	308,916	143,278	14,503	95,518	8,339	90,334	7,584
PAPER, BOARD AND CONVERTED PRODUCTS	4,568,907	2,481,144	1,003,373	454,593	896,427	410,818	508,348	251,882
PAPER AND BOARD TOTAL***	3,984,544	1,718,042	950,210	357,725	850,958	326,284	481,732	198,880
PAPER TOTAL	773,762	599,557	41,411	71,423	36,523	64,777	17,497	36,713
NEWSPRINT	294,872	127,119	1,029	771	737	615	79	127
PRINTING, WRITING & RELATED PAPER	201,825	198,310	14,616	25,402	13,784	23,839	6,651	13,808
Not Cut to Size or Shape:	186,426	178,009	12,573	22,329	11,802	20,967	6,182	12,248
Uncoated Groundwood	37,292	33,301	4,314	5,938	4,050	5,685	3,011	4,835
Clay Coated Groundwood	33,987	25,173	61	102	53	78	48	65
Uncoated Free Sheet	44,962	54,049	3,284	5,931	3,110	5,622	285	751
Clay Coated Free Sheet	45,199	34,862	3,244	4,616	3,044	4,242	1,921	2,315
Other Printing, Writing & Related****	24,986	30,624	1,670	5,742	1,545	5,340	917	4,282
Cut to Size or Shape:	15,399	20,301	2,043	3,073	1,982	2,872	469	1,560
Uncoated Free Sheet	14,173	17,615	1,748	2,032	1,714	1,926	252	822
Cotton Fiber	1,226	2,686	295	1,041	268	946	217	738

* Volume expressed in short tons throughout this report.

** Excluding Greece.

*** Includes Paper, Paperboard, Wet Machine Board, and Construction Paper and Board.

**** Included in this category in the World Total column are: self-copy papers (7,724 tons and $8.8 million), other thin and carbonizing papers (9,919 tons and $11.2 million), coated and uncoated bristols (3,731 tons and $3.5 million), and cotton pulp paper (3,612 tons and $7.1 million).

	WORLD TOTAL		TOTAL WESTERN EUROPE		ENLARGED EC*		EC - ORIGINAL SIX MEMBERS	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
PACKAGING AND INDUSTRIAL CONVERTING PAPER	149,666	72,973	6,225	5,609	4,292	5,035	1,867	1,759
Unbleached Kraft	116,190	43,235	4,299	1,608	2,394	1,094	982	388
Bleached Kraft	17,204	7,681	639	337	636	331	535	256
Other	16,272	22,057	1,287	3,664	1,262	3,610	350	1,115
TISSUE PAPER	15,876	18,851	5,229	8,401	5,070	8,139	4,173	6,837
SPECIAL INDUSTRIAL PAPER	111,523	182,304	14,312	31,240	12,640	27,149	4,727	14,182
PAPERBOARD TOTAL	3,143,410	1,086,493	896,553	278,940	803,229	254,590	456,982	157,573
UNBLEACHED KRAFT LINERBOARD**	2,254,546	575,862	761,305	196,669	675,406	175,537	342,751	88,396
OTHER UNBLEACHED KRAFT BOARD	107,143	51,823	47,262	24,895	47,004	24,229	46,281	23,219
SEMI-CHEMICAL CORRUGATING MEDIUM	73,759	17,145	2,276	797	483	349	233	123
BLEACHED PAPERBOARD	558,325	371,437	79,155	52,441	76,383	51,549	65,276	43,949
Kraft Folding Boxboard	87,896	57,361	1,773	1,010	1,725	980	1,200	569
Kraft Milk Carton Stock	392,485	266,165	67,443	45,806	67,395	45,780	57,590	39,243
Kraft Plate, Dish, Cup & Tray Stock	35,970	23,608	3,491	2,720	3,462	2,665	3,008	2,249
Other Kraft	41,974	24,303	6,448	2,905	3,801	2,124	3,478	1,888
RECYCLED PAPERBOARD	149,637	70,226	6,555	4,138	3,953	2,926	2,441	1,886
WET MACHINE BOARD	11,624	5,421	786	473	755	458	334	136
CONSTRUCTION PAPER AND PAPERBOARD TOTAL	55,748	26,571	11,460	6,889	10,451	6,459	6,919	4,458

* Excluding Greece.
** Includes small amount of bleached kraft linerboard.

	WORLD TOTAL		TOTAL WESTERN EUROPE		ENLARGED EC*		EC - ORIGINAL SIX MEMBERS	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
CONVERTED PAPER AND PAPERBOARD PRODUCTS TOTAL	584,363	763,102	53,163	96,868	45,469	84,534	26,616	53,002
WALLPAPER	2,965	11,455	403	1,771	387	1,676	207	809
PRINTING, WRITING & RELATED PAPER PRODUCTS	68,292	78,038	2,856	11,482	2,491	9,789	1,408	5,120
CIGARETTE PAPER	16,280	44,419	2,242	6,108	1,623	4,157	960	2,584
PACKAGING & INDUSTRIAL CONVERTING PAPER PRODUCTS	25,601	33,002	2,678	6,041	2,311	5,219	1,890	3,553
TISSUE PAPER PRODUCTS	75,226	131,390	7,973	17,185	7,280	14,660	4,977	10,473
SPECIAL INDUSTRIAL PAPER PRODUCTS, MOLDED PULP & OTHER	123,548	237,383	12,784	22,834	11,724	19,937	4,646	11,808
PAPERBOARD BOXES, CARTONS & DRUMS	136,408	111,365	4,834	6,523	4,246	5,706	1,590	2,448
SANITARY FOOD CONTAINERS	52,765	68,801	5,365	8,500	5,070	7,983	1,371	1,947
CORRUGATED PAPER & PAPERBOARD	81,069	44,617	13,831	16,141	10,141	15,130	9,483	14,124
COMPOSITE PAPER & PAPERBOARD	2,209	2,632	197	283	196	277	84	136
ENVELOPES & TAB MACHINE CARDS FOR WHICH NO TONNAGE FIGURES ARE AVAILABLE**		7,965		2,096		1,653		1,156

* Excluding Greece.

** These total dollar amounts are included in Grand Total Figures (Page 1, line 1), but are not included in any other totals reported by grade.

	CANADA		MEXICO		CENTRAL AMERICA, CARIBBEAN, AND OTHER ISLANDS		SOUTH AMERICA		NEAR AND MIDDLE EAST	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
GRAND TOTAL	1,149,402	574,130	871,734	406,100	582,024	256,575	500,562	219,245	233,498	122,177
WOOD PULP TOTAL	133,633	55,369	198,095	72,896	23,382	7,671	127,894	45,090	19,507	7,661
COTTON AND OTHER PULP	9,567	5,287	2,960	1,197	491	210	2,870	2,150	6,435	3,011
WASTE PAPER	346,809	39,378	427,424	59,883	31,003	4,869	104,836	13,759	245	49
PAPER, BOARD AND CONVERTED PRODUCTS	659,393	471,544	243,255	271,458	527,142	243,183	264,962	158,034	207,311	110,876
PAPER AND BOARD TOTAL	448,138	306,879	109,276	64,985	467,295	157,045	243,381	123,476	178,034	57,041
PAPER TOTAL	231,078	210,815	44,954	34,510	59,991	42,981	42,857	43,255	15,160	9,901
NEWSPR,NT	4,312	3,805	21,392	9,356	6,356	2,787	22,875	10,039	1,622	536
PRINTING, WRITING & RELATED PAPER	125,112	101,542	12,449	13,160	23,933	22,476	7,219	8,574	1,301	2,461
Not Cut to Size or Shape:	119,797	96,664	8,744	8,347	22,542	20,332	6,802	7,543	785	1,413
Uncoated Groundwood	19,214	16,293	6,370	3,376	3,040	2,808	1,357	760	139	164
Clay Coated Groundwood	29,569	22,117	22	64	2,156	1,542	1,942	1,168	15	19
Uncoated Free Sheet	26,572	26,911	699	2,617	4,267	4,596	1,342	2,155	206	346
Clay Coated Free Sheet	29,971	19,758	274	254	9,795	7,655	788	999	119	187
Other Printing, Writing & Related	14,471	11,585	1,379	2,036	3,284	3,731	1,373	2,461	306	697
Cut to Size or Shape:	5,315	4,878	3,705	4,813	1,391	2,144	417	1,031	516	1,048
Uncoated Free Sheet	4,772	4,172	3,685	4,778	1,247	1,924	403	986	436	879
Cotton Fiber	543	706	20	35	144	220	14	45	80	169

	CANADA		MEXICO		CENTRAL AMERICA, CARIBBEAN, AND OTHER ISLANDS		SOUTH AMERICA		NEAR AND MIDDLE EAST	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
PACKAGING AND INDUSTRIAL CONVERTING PAPER	34,706	21,102	6,444	3,545	20,584	8,915	3,540	3,959	8,592	3,033
Unbleached Kraft	26,820	12,198	4,956	1,447	14,299	5,396	1,437	698	8,292	2,769
Bleached Kraft	3,778	3,299	420	572	3,548	1,363	295	163	214	83
Other	4,108	5,605	1,068	1,526	2,737	2,156	1,808	3,098	86	181
TISSUE PAPER	3,556	2,969	61	111	3,460	3,864	290	437	2,616	2,321
SPECIAL INDUSTRIAL PAPER	63,392	81,397	4,608	8,338	5,658	4,939	8,933	20,246	1,029	1,550
PAPERBOARD TOTAL	185,940	84,133	57,506	28,197	399,912	111,247	198,768	79,315	160,598	44,431
UNBLEACHED KRAFT LINERBOARD*	47,655	11,073	19,576	4,810	330,722	83,930	109,768	29,803	150,502	39,841
OTHER UNBLEACHED KRAFT BOARD	15,937	7,612	2,221	1,459	378	211	32,319	9,654	99	61
SEMI-CHEMICAL CORRUGATING MEDIUM	3,553	1,473	179	146	24,774	5,670	8,669	2,524	568	159
BLEACHED PAPERBOARD	65,249	41,308	32,195	19,284	1 ,395	8,308	44,046	33,750	4,107	1,532
Kraft Folding Boxboard	27,216	17,970	2,896	1,657	4,939	2,562	1,796	1,143	739	389
Kraft Milk Carton Stock	23,649	14,354	28,550	16,793	2,226	1,226	37,429	28,530	587	383
Kraft Plate, Dish, Cup & Tray Stock	5,151	2,831	84	125	1,889	1,485	4,041	3,320	293	134
Other Kraft	9,233	6,153	665	709	5,341	3,035	780	757	2,488	626
RECYCLED PAPERBOARD	53,546	22,667	3,335	2,498	29,643	13,128	3,966	3,584	5,322	2,838
WET MACHINE BOARD	5,289	2,976	153	78	3,495	889	1,139	416	-	-
CONSTRUCTION PAPER AND PAPERBOARD TOTAL	25,831	8,955	6,663	2,200	3,897	1,928	617	490	2,276	2,709

* Includes small amount of bleached kraft linerboard.

	CANADA		MEXICO		CENTRAL AMERICA, CARIBBEAN, AND OTHER ISLANDS		SOUTH AMERICA		NEAR AND MIDDLE EAST	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
CONVERTED PAPER AND PAPERBOARD PRODUCTS TOTAL	211,255	164,665	133,979	206,473	59,847	86,138	21,581	34,558	29,277	53,835
WALLPAPER	1,885	6,802	7	24	181	712	135	551	106	533
PRINTING, WRITING & RELATED PAPER PRODUCTS	49,620	25,779	2,382	5,280	4,337	10,294	749	2,485	3,394	8,880
CIGARETTE PAPER	6,695	17,131	164	384	868	2,415	1,803	5,103	37	74
PACKAGING & INDUSTRIAL CONVERTING PAPER PRODUCTS	10,375	10,601	5,758	5,235	3,782	4,919	663	1,772	216	569
TISSUE PAPER PRODUCTS	15,087	18,886	3,524	6,805	17,922	28,826	3,110	5,784	10,397	21,647
SPECIAL INDUSTRIAL PAPER PRODUCTS, MOLDED PULP & OTHER	59,228	38,758	31,057	135,144	5,215	9,754	2,888	4,893	3,933	10,465
PAPERBOARD BOXES, CARTONS & DRUMS	50,742	29,706	48,993	43,615	13,339	12,316	9,679	10,386	893	1,663
SANITARY FOOD CONTAINERS	5,294	6,307	1,829	1,983	8,823	12,050	1,028	1,187	4,922	8,489
CORRUGATED PAPER & PAPERBOARD	11,783	9,768	40,189	7,950	4,627	4,253	1,191	2,235	5,250	1,389
COMPOSITE PAPER & PAPERBOARD	546	927	76	53	553	599	335	162	129	126
ENVELOPES & TAB MACHINE CARDS FOR WHICH NO TONNAGE FIGURES ARE AVAILABLE*		2,552		666		642		212		580

* These total dollar amounts are included in Grand Total Figures (Pages 1 and 4, line 1), but are not included in any other totals reported by grade.

	AFRICA		OCEANIA AND FAR EAST*		JAPAN		U.S.S.R./ EASTERN EUROPE		PEOPLE'S REPUBLIC OF CHINA	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
GRAND TOTAL	401,921	157,865	2,314,156	638,326	1,555,424	616,803	9,477	5,647	302,188	61,291
WOOD PULP TOTAL	104,995	36,850	483,812	168,315	717,512	292,206	7,185	3,036	69,448	18,127
COTTON AND OTHER PULP	258	177	4,787	3,359	9,382	6,870	2,100	1,764	101	80
WASTE PAPER	213	97	1,226,852	144,379	266,163	28,816	-	-	26,887	3,183
PAPER, BOARD AND CONVERTED PRODUCTS	296,455	120,461	598,705	321,631	562,367	288,625	192	845	205,752	39,894
PAPER AND BOARD TOTAL**	282,558	103,340	545,469	236,501	554,817	271,407	41	256	205,325	39,387
PAPER TOTAL	32,680	16,449	104,323	68,281	200,807	101,354	41	256	460	332
NEWSPRINT	157	102	55,650	16,637	181,141	82,944	-	-	338	142
PRINTING, WRITING & RELATED PAPER	2,753	3,909	13,105	18,139	1,284	2,525	8	11	45	111
Not Cut to Size or Shape:	1,802	2,883	12,184	16,392	1,156	2,032	8	11	33	63
Uncoated Groundwood	754	1,201	1,827	2,271	274	488	3	2	-	-
Clay Coated	51	41	150	110	21	10	-	-	-	-
Uncoated Free Sheet	217	492	8,121	10,587	249	408	-	-	5	6
Clay Coated Free Sheet	71	117	873	1,128	37	105	1	1	26	42
Other Printing, Writing & Related	709	1,032	1,213	2,296	575	1,021	4	8	2	15
Cut to Size or Shape:	951	1,026	921	1,747	128	493	-	-	12	48
Uncoated Free Sheet	924	924	856	1,533	102	386	-	-	-	1
Cotton Fiber	27	102	65	214	26	107	-	-	12	47

* Excluding Japan.
** Includes Paper, Paperboard, Wet Machine Board and Construction Paper and Board.

	AFRICA		OCEANIA AND FAR EAST*		JAPAN		U.S.S.R./ EASTERN EUROPE		PEOPLE'S REPUBLIC OF CHINA	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
PACKAGING AND INDUSTRIAL CONVERTING PAPER	27,678	8,645	26,331	12,225	15,510	5,897	0	1	56	42
Unbleached Kraft	21,519	7,285	19,733	6,940	14,812	4,870	-	-	23	24
Bleached Kraft	5,580	757	2,193	870	504	219	-	-	33	18
Other	579	603	4,405	4,415	194	808	0	1	-	-
TISSUE PAPER	213	281	436	448	15	19	-	-	-	-
SPECIAL INDUSTRIAL PAPER	1,879	3,512	8,801	20,832	2,857	9,969	33	244	21	37
PAPERBOARD TOTAL	249,574	86,593	437,621	165,767	352,204	168,869	-	-	204,734	39,001
UNBLEACHED KRAFT LINERBOARD**	167,920	40,738	311,317	84,266	189,495	53,150	-	-	166,286	31,582
OTHER UNBLEACHED KRAFT BOARD	1,468	953	5,214	4,274	2,245	2,704	-	-	-	-
SEMI-CHEMICAL CORRUGATING MEDIUM	7,036	1,778	8,556	1,700	36	53	-	-	18,102	2,845
BLEACHED PAPERBOARD	62,662	39,611	97,232	63,087	159,284	112,116	-	-	-	-
Kraft Folding Boxboard	22,610	13,578	25,426	18,637	501	415	-	-	-	-
Kraft Milk Carton Stock	38,924	25,139	46,898	29,158	146,779	104,776	-	-	-	-
Kraft Plate, Dish, Cup	838	618	8,732	5,786	11,451	6,589	-	-	-	-
Other Kraft	290	276	16,176	9,506	553	336	-	-	-	-
RECYCLED PAPERBOARD	10,488	3,513	15,292	12,440	1,144	846	-	-	20,346	4,574
WET MACHINE BOARD	99	47	519	488	144	54	-	-	-	-
CONSTRUCTION PAPER AND PAPERBOARD TOTAL	205	251	3,006	1,965	1,662	1,130	-	-	131	54

* Excluding Japan.
** Includes small amount of bleached kraft linerboard.

	AFRICA		OCEANIA AND FAR EAST*		JAPAN		U.S.S.R./ EASTERN EUROPE		PEOPLE'S REPUBLIC OF CHINA	
	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)	Tons	Value ($1,000)
CONVERTED PAPER AND PAPERBOARD PRODUCTS TOTAL	13,897	17,121	53,236	85,130	7,550	17,218	151	589	427	507
WALLPAPER	63	179	118	643	67	240	-	-	-	-
PRINTING, WRITING & RELATED PAPER PRODUCTS	732	2,689	3,277	8,406	692	2,488	30	187	23	68
CIGARETTE PAPER	1,509	4,038	2,920	9,075	11	21	-	-	31	70
PACKAGING & INDUSTRIAL CONVERTING PAPER PRODUCTS	436	558	1,423	2,638	257	645	11	19	2	5
TISSUE PAPER PRODUCTS	1,941	2,343	11,113	21,576	4,147	8,310	10	21	2	7
SPECIAL INDUSTRIAL PAPER PRODUCTS, MOLDED PULP & OTHER	3,923	3,175	3,701	9,317	739	2,581	40	289	40	173
PAPERBOARD BOXES, CARTONS & DRUMS	2,863	2,237	4,165	4,004	512	659	59	72	329	184
SANITARY FOOD CONTAINERS	656	1,059	24,086	27,774	762	1,452	-	-	-	-
CORRUGATED PAPER & PAPERBOARD	1,697	732	2,218	1,397	282	751	1	1	-	-
COMPOSITE PAPER & PAPERBOARD	77	111	215	300	81	71	-	-	-	-
ENVELOPES & TAB MACHINE CARDS FOR WHICH NO TONNAGE FIGURES ARE AVAILABLE**		280		642		286		2		7

* Excluding Japan.
** These total dollar amounts are included in Grand Total Figures (Pages 1 and 7, line 1), but are not included in any other totals reported by grade.

SOURCE: U.S. Department of Commerce, Bureau of the Census

APPENDIX II

U.S. EXPORTS OF PRINTING AND WRITING PAPERS*

BY AREA OF DESTINATION

(Short Tons)

Year	WORLD TOTAL		WESTERN EUROPE		CANADA		MEXICO		CENTRAL AMERICA & CARIBBEAN	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	144,484	100.0	25,003	17.3	54,728	37.9	14,655	10.1	15,769	10.9
1973	175,077	100.0	29,468	16.8	57,260	32.7	13,678	7.8	20,162	11.5
1974	252,474	100.0	24,592	9.7	79,564	31.5	14,209	5.6	29,264	11.6
1975	317,297	100.0	35,113	11.1	159,126	50.1	19,398	6.1	21,131	6.7
1976	324,576	100.0	31,475	9.7	189,648	58.4	14,342	4.4	23,707	7.3
1977	264,464	100.0	29,510	11.2	128,361	48.5	21,203	8.0	25,227	9.5
1978	216,597	100.0	32,299	14.9	95,238	44.0	25,743	11.9	18,676	8.6
1979	222,072	100.0	31,803	14.3	89,362	40.2	38,248	17.2	17,579	7.9
1980	281,615	100.0	35,762	12.7	99,161	35.2	64,522	22.9	24,354	8.7
1981	325,022	100.0	27,334	8.4	137,540	42.3	82,891	25.5	25,437	7.8
1982	207,888	100.0	12,311	5.9	99,510	47.9	35,205	16.9	25,279	12.2
1983	175,613	100.0	12,651	7.2	110,098	62.7	11,050	6.3	20,505	11.7

* - Includes Uncoated Groundwood, Clay Coated Groundwood, Uncoated Free Sheet and Clay Coated Free Sheet.

Continued Page 2

U.S. EXPORTS OF PRINTING AND WRITING PAPERS*

BY AREA OF DESTINATION

(Short Tons)

Year	SOUTH AMERICA		NEAR AND MIDDLE EAST		AFRICA		OCEANIA AND FAR EAST**		OTHER***	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	17,311	12.0	480	0.3	3,182	2.2	12,269	8.5	1,087	0.8
1973	17,768	10.2	1,282	0.7	5,101	2.9	29,344	16.8	1,014	0.6
1974	34,470	13.7	1,599	0.6	9,301	3.7	58,692	23.3	783	0.3
1975	29,827	9.4	1,290	0.4	14,184	4.5	32,400	10.2	4,828	1.5
1976	30,147	9.3	1,014	0.3	5,465	1.7	28,734	8.9	44	-
1977	24,671	9.3	2,199	0.8	4,113	1.6	29,176	11.0	4	-
1978	13,726	6.3	4,548	2.1	3,554	1.6	22,796	10.5	17	-
1979	14,971	6.8	935	0.4	1,829	0.8	26,661	12.0	684	0.3
1980	14,913	5.3	1,458	0.5	8,540	3.0	32,884	11.7	21	-
1981	14,387	4.4	1,768	0.6	5,335	1.6	30,254	9.3	76	-
1982	8,994	4.3	1,069	0.5	2,485	1.2	22,848	11.0	187	0.1
1983	5,832	3.3	915	0.5	2,017	1.1	12,510	7.1	35	-

NOTE: Percentages may not add to 100 due to rounding.

* - Includes Uncoated Groundwood, Clay Coated Groundwood, Uncoated Free Sheet and Clay Coated Free Sheet.

** - Includes Japan.

*** - Includes USSR/Eastern Europe, People's Republic of China and in 1972-1975 also includes small amounts not distributed by destination.

U.S. EXPORTS OF UNBLEACHED KRAFT LINERBOARD*

BY AREA OF DESTINATION

(Short Tons)

Year	WORLD TOTAL		WESTERN EUROPE		CANADA		CENTRAL AMERICA & CARIBBEAN**		SOUTH AMERICA		NEAR & MIDDLE EAST	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	1,877,062	100.0	1,073,360	57.2	18,532	1.0	301,144	16.0	137,480	7.3	98,506	5.2
1973	1,645,650	100.0	862,060	52.4	19,439	1.2	280,701	17.1	138,049	8.4	79,147	4.8
1974	1,743,135	100.0	926,692	53.2	41,161	2.4	255,951	14.7	138,927	8.0	107,181	6.1
1975	1,224,211	100.0	521,942	42.6	64,672	5.3	208,189	17.0	121,344	9.9	141,969	11.6
1976	1,419,361	100.0	618,482	43.6	72,577	5.1	298,363	21.0	91,236	6.4	111,696	7.9
1977	1,428,038	100.0	606,953	42.5	30,372	2.1	304,909	21.4	133,224	9.3	117,512	8.2
1978	1,539,510	100.0	623,158	40.5	39,129	2.5	341,834	22.2	146,405	9.5	107,158	7.0
1979	1,644,901	100.0	711,138	43.2	54,606	3.3	324,264	19.7	109,969	6.7	100,588	6.1
1980	2,527,245	100.0	918,633	36.3	26,082	1.0	383,492	15.2	130,280	5.2	98,613	3.9
1981	1,973,487	100.0	637,217	32.3	38,877	2.0	322,687	16.4	131,292	6.7	127,779	6.5
1982	1,886,193	100.0	643,610	34.1	47,745	2.5	318,104	16.9	132,937	7.0	111,589	5.9
1983	2,254,546	100.0	761,305	33.8	47,655	2.1	350,298	15.5	109,768	4.9	150,502	6.7

* - Includes small amount of bleached kraft linerboard.
** - Includes Mexico.

Continued Page 4

U.S. EXPORTS OF UNBLEACHED KRAFT LINERBOARD*

BY AREA OF DESTINATION

(Short Tons)

Year	AFRICA		OCEANIA AND FAR EAST		JAPAN		PEOPLE'S REPUBLIC OF CHINA		OTHER**	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	95,921	5.1	144,363	7.7	7,453	0.4	-	-	303	-
1973	107,931	6.6	119,636	7.3	21,403	1.3	17,099	1.0	185	-
1974	150,008	8.6	95,694	5.5	20,048	1.2	5,212	0.3	2,261	0.1
1975	91,357	7.5	64,021	5.2	9,172	0.7	-	-	1,545	0.1
1976	110,706	7.8	107,205	7.6	9,096	0.6	-	-	-	-
1977	93,153	6.5	93,761	6.6	26,052	1.8	22,045	1.5	57	-
1978	79,779	5.2	141,574	9.2	57,842	3.8	2,631	0.2	-	-
1979	69,663	4.2	189,710	11.5	74,443	4.5	10,520	0.6	-	-
1980	240,555	9.5	248,218	9.8	162,348	6.4	319,024	12.6	-	-
1981	185,180	9.4	230,689	11.7	125,888	6.4	173,878	8.8	-	-
1982	149,339	7.9	253,992	13.5	117,715	6.2	111,162	5.9	-	-
1983	167,920	7.4	311,317	13.8	189,495	8.4	166,286	7.4	-	-

NOTE: Percentages may not add to 100 due to rounding.

* - Includes small amount of bleached kraft linerboard.

** - Includes Eastern Europe and in 1972-1975 also includes small amounts not distributed by destination.

U.S. EXPORTS OF BLEACHED PAPERBOARD

BY AREA OF DESTINATION

(Short Tons)

Year	WORLD TOTAL		WESTERN EUROPE		CANADA		MEXICO		CENTRAL AMERICA & CARIBBEAN		SOUTH AMERICA	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	208,516	100.0	59,948	28.7	33,919	16.3	13,687	6.6	9,250	4.4	26,147	12.5
1973	265,169	100.0	68,191	25.7	33,027	12.5	12,988	4.9	11,690	4.4	30,821	11.6
1974	374,642	100.0	95,965	25.6	42,143	11.2	16,586	4.4	15,846	4.2	52,717	14.1
1975	284,203	100.0	65,410	23.0	35,454	12.5	22,313	7.9	2,914	1.0	48,753	17.2
1976	352,638	100.0	68,717	19.5	42,858	12.2	35,929	10.2	8,522	2.4	40,521	11.5
1977	374,823	100.0	80,281	21.4	33,917	9.0	33,377	8.9	13,208	3.5	40,655	10.8
1978	440,724	100.0	83,330	18.9	74,411	16.9	38,059	8.6	13,327	3.0	44,053	10.0
1979	508,601	100.0	82,080	16.1	66,688	13.1	53,811	10.6	11,869	2.3	45,907	9.0
1980	606,044	100.0	121,001	20.0	60,143	9.9	56,658	9.3	13,239	2.2	42,916	7.1
1981	578,724R	100.0	111,465	19.3	73,962	12.8	33,085	5.7	12,554	2.2	47,109	8.1
1982	525,733	100.0	93,996	17.9	57,445	10.9	34,374	6.5	11,321	2.1	40,224	7.6
1983	558,325	100.0	79,155	14.2	65,249	11.7	32,195	5.8	14,395	2.6	44,046	7.9

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U.S. EXPORTS OF BLEACHED PAPERBOARD

BY AREA OF DESTINATION

(Short Tons)

Year	NEAR AND MIDDLE EAST		AFRICA		OCEANIA AND FAR EAST		JAPAN		OTHER*	
	Tons	%	Tons	%	Tons	%	Tons	%	Tons	%
1972	1,181	0.6	21,316	10.2	23,827	11.4	11,713	5.6	7,528	3.6
1973	4,378	1.7	35,390	13.3	31,513	11.9	32,106	12.1	5,065	1.9
1974	5,366	1.4	43,252	11,5	47,460	12.7	52,425	14.0	2,882	0.8
1975	6,447	2.3	29,428	10.4	22,933	8.1	42,804	15.1	7,747	2.7
1976	5,270	1.5	33,312	9.4	37,403	10.6	78,412	22.2	1,694	0.5
1977	3,865	1.0	34,502	9.2	40,702	10.9	94,070	25.1	246	0.1
1978	1,964	0.4	39,860	9.0	65,549	14.9	80,168	18.3	3	-
1979	1,121	0.2	48,422	9.5	79,477	15.6	119,226	23.4	-	-
1980	601	0.1	67,984	11.2	86,071	14.2	151,317	25.0	6,114	1.0
1981	1,632	0.3	67,399	11.6	102,670	17.7	128,789	22.2	59R	-
1982	1,734	0.3	64,580	12.3	87,810	16.7	134,247	25.5	2	-
1983	4,107	0.7	62,662	11.2	97,232	17.4	159,284	28.5	-	-

NOTE: Percentages may not add to 100 due to rounding.

* - Includes USSR/Eastern Europe, People's Republic of China and in 1972-1975 also includes small amounts not distributed by destination.

R - Revised